

AMENDMENTS TO THE SPECIFICATION:

Please replace table 2 on page 38 with the table that is found on the following page:

Table 2 Consensus Binding Motifs of Promoters Bound by Yeast Cell Cycle Transcriptional Regulators

Factor	Motif ^a	Reference ^b
Mbpl	2	
	1 A A G A T T 0 T G G A A T C G C G C C	Tavazoie et al., 1999
Swi4	2	
	1 A A A G G A A 0 C A T T C A C C T A A T	Tavazoie et al., 1999
Mcm1/Fkh2	2	
	1 C C A T G A A G T A A A 0 T T T T T T A T A G C G A A T T A C C C G C A	Althoefer et al., 1995
Mcm1	4	
	3 T	
	2 A	
	1 A T T T A T T G G G A 0 T A T A C C C G C A C C A T G T A	Tavazoie et al., 1999
Ace2	2	
	1 G A A C A 0 A C G C A C G C A	Dohrmann et al., 1996
	2	
	1 A T A G T 0 A G G G A T A T A G G	
Swi5	2	
	1 G C 0 C G A G G G C A G C A	Tebb et al., 1993
Fkh1 & Fkh2	2	
	1 G 0 A T A A A C A A	Zhu et al., 2000
Fkh	2	
	1 C G C G C G G C 0 G T G G G G C G C C T	
	2	
	1 T T T 0 T C C C C G A G A A A T	
	2	
	1 G G C C G G G G C G G G T 0 T T T T C A C C A T C A C	

^a Sequence logo (Schneider and Stephens, 1990) presentation of motifs that were found using the group of promoters bound by each activator as an input to AiiganACE. Presented are motifs specific to the input set of promoters. The specificity source (Hughes et al., 2000) for the motifs (top to bottom) are 10^{-21} , 10^{-15} , 10^{-25} , 10^{-28} , 10^{-7} , 10^{-14} , 10^{-19} , 10^{-11} , 10^{-13} , 10^{-15} , 10^{-24} , 10^{-17}

^b References for previous descriptions of similar motifs